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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	TI-30874.1
First Named Inventor or Application Identifier	Alan M. Gilkes
Express Mail Label No.	EV333318571US
Title	Location Estimation in Narrow Bandwidth Wireless Communication Systems

On Page 1 of the specification, before line 1, insert --This application is a divisional of 09/872,598 filed on 6/1/2001.

**APPLICATION ELEMENTS**

See MPEP Chapter 600 concerning utility patent application contents

1. <input checked="" type="checkbox"/>	Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)	6. <input type="checkbox"/>	Microfiche Computer Program (Appendix)
2. <input checked="" type="checkbox"/>	Specification (preferred arrangement set forth below)	[Total Pages] <b>29</b>	7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
	- Descriptive title of the Invention		a. <input type="checkbox"/> Computer Readable Copy
	- Cross References to Related Applications		b. <input type="checkbox"/> Paper Copy (identical to computer copy)
	- Statement Regarding Fed sponsored R&D		c. <input type="checkbox"/> Statement verifying identical of above copies
	- Reference to Microfiche Appendix		
	- Background of the Invention		
	- Brief Summary of the Invention		
	- Brief Description of the Drawings (if filed)		
	- Detailed Description		
	- Claim(s)		
	- Abstract of the Disclosure		
3. <input checked="" type="checkbox"/>	Drawing(s) (35 USC d113)	[Total Sheets] <b>7</b>	8. <input type="checkbox"/> Assignment Papers (cover sheet & Documents(s))
4. <input type="checkbox"/>	Oath or Declaration	[Total Pages] <b>1</b>	9. <input type="checkbox"/> 37 CFR §3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney
a. <input checked="" type="checkbox"/>	Newly Executed (original or copy)		10. <input type="checkbox"/> English Translation Document (if applicable)
b. <input type="checkbox"/>	Copy from a prior application (37 CFR §1.63(d)) (for continuation/divisional with Box 17 completed)		11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
<b>[Note Box 5 below]</b>			
i. <input type="checkbox"/>	<b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §1.63(d)(2) and 1.33(b).		12. <input type="checkbox"/> Preliminary Amendment
5. <input type="checkbox"/>	Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.		13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
<i>A new statement is required to be entitled to pay small entity fees, except where one has been filed in a prior application and is being relied upon.</i>			
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:			
<input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)		of prior application No: 09/872,598.	
<b>Prior application information:</b>		Examiner	D. Phan
		Group / Art Unit: 3662	

**18. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label23494  
(Insert Customer No. or Attach bar code label here)or  Correspondence address below

NAME			
ADDRESS			
CITY	STATE	ZIP CODE	
COUNTRY	TELEPHONE	(972) 917-4365	FAX (972) 917-4418

Name (Print/Type)	Carlton H. Hoel	Registration No. (Attorney/Agent)	29,934
Signature			Date 1/29/2004

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MAIL DATE: 01/30/04

Approved for use through 07/31/2006. OMB 0651-0032  
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# FEE TRANSMITTAL

## For FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

\$770

## Complete if Known

Application Number	09/872,598
Filing Date	
First Named Inventor	Alan M. Gilkes
Examiner Name	D. Phan
Art Unit	3662
Attorney Docket No.	TI-30874.1

## METHOD OF PAYMENT (Check all that apply)

 Check  Credit Card  Money  Other  Credit Card Order
 Deposit Account:Deposit Account Number **20-0668**Deposit Account Name **Texas Instruments Incorporated**

The Director is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments
   
 Charge any additional fee(s) during the pendency of this application
   
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee	Fee	Fee	Fee
Code (\$)	Code (\$)	Code (\$)	Code (\$)
1001 770	2001 385	Utility filing fee	<b>\$770</b>
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	

## SUBTOTAL (1)

**\$770**

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	11	-20 **	=	0	X	\$18	=	0	Fee from below	Extra Claims	Fee Paid
Independent Claims	2	- 3 **	=	0	X	\$86	=	0			

Multiple Dependent

Large Entity	Small Entity	Fee Description
Fee	Fee	Fee
Code (\$)	Code (\$)	Code (\$)
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	*Reissue independent claims over original patent
1205 18	2205 9	**Reissue claims in excess of 20 and over original patent

## SUBTOTAL (2)

**\$0**

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fees Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	205	Extension for reply within second month	
1253	950	2253	465	Extension for reply within third month	
1254	1,480	2254	725	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	160	Notice of Appeal	
1402	330	2402	160	Filing a brief in support of an appeal	
1403	290	2403	140	Request for Oral Hearing	
1451	1,510	1451	1,510	Petition to instate a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	650	Petition to revive - unintentional	
1501	1,330	2501	650	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	315	Plant issue Fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	375	Filing a submission after final rejection (37 CFR 1.129(b))	
1810	770	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	375	Request for Continuation Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

## SUBTOTAL (3)

(\$)

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Carlton H. Hoel	Registration No. (Attorney/Agent)	29,934	Telephone	(972) 917-4365
Signature				Date	1/29/2004

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THE ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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